CHILTON'S

IRON AGE

May 7, 1984

BOTTOM POURING: STEEL PRODUCERS BREAK WITH TRADITION

Annual Steel/ Nonferrous Financial Analysis

Plus
In Plant Spotlight: U.S. Steel's New Caster at Lorain

And
The Hot Spot

MAY 7, 1984 VOL. 227, NO. 9

IRON AGE METALS PRODUCER

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IRON AGE 1983 STEEL INDUSTRY FINANCIAL ANALYSIS

Company[1]	Year	Raw Steel Production Thousands of Net Tons	Steel Shipments Thousands of Net Tons	Net Sales & Operating Revenues Thousands of Dollars	Employment Costs Thousands of Dollars	Employment Costs as Percent of Sales	Operating Profit[2] 000 of $	Operating Profit as Percent of Sales	Depreciation Depletion and Amortization 000 of $	Provision for Federal Income Taxes 000 of $	Net Income 000 of $	Net Income Percent of Sales	Invested Capital (to included funded debt payable after one year preferred and common stock surplus) 000 of $	Net Income Percent of Investment[3]	Working Capital 000 of $	Funded Debt (Payable after 1 year) 000 of $	Interest Expense on Funded Debt 000 of $	Capital Expenditures 000 of $	Stockholders' Equity[4] 000 of $	Pct Return on Stockholders Equity	Number of Common Shares Outstanding 000 of $	Common Stock 000 of $	Common Dividend Declared 000 of $	Earnings Per Common Share	Dividends Per Common Share	Price Range Common Share	P-E Ratio	
1. United States Steel Corp.[5,6]	1983	14,800	11,300	17,523,000	3,780,000	21.6	1,886,000	10.8	1,104,000	(62,000)	(1,161,000)	(6.6)	13,999,000	(8.3)	789,000	7,164,000	856,000	1,827,000	5,605,000	(20.7)	104,639	2,093,000	103,000	(12.07)	1.00	31-19⅝	(3)-(2)	1.
	1982	12,100	10,300	18,907,000	4,395,000	23.2	2,140,000	11.3	1,031,000	408,000	(361,000)	(1.9)	14,863,000	(2.4)	710,000	6,843,000	911,000	1,936,000	6,468,000	(5.6)	102,098	2,042,000	166,000	(3.99)	1.75	30⅛-16	(8)-(4)	
2. Bethlehem Steel Corp.	1983	10,692	8,744	4,898,200	2,202,700	45.0	107,000	2.2	251,700	68,000	(163,500)	(3.3)	2,447,300	(2.8)	270,400	1,134,200	94,500	269,400	1,313,100	(13.2)	46,250	559,400	26,600	(3.92)	.60	28½-19	—	2.
	1982	10,521	8,154	5,260,300	2,628,600	50.0	1,025,800	(19.5)	388,900	(27,000)	(1,469,600)	(27.9)	2,508,200	(55.5)	410,600	1,271,400	77,900	470,300	1,236,800	(53.2)	43,682	507,200	56,800	(33.64)	1.30	23½-14½	—	
3. LTV Corp.[7,8]	1983	7,653	5,811	4,577,800	1,534,300	33.5	13,200	0.3	110,100	(13,500)	(180,700)	(4.0)	2,757,500	(0.9)	537,400	1,560,200	154,900	254,700	1,420,000	(16.0)	54,649	1,004,175	13,171	(3.64)	.25	19⅛-11⅝	(3.8)	3.
	1982	6,486	5,142	4,776,800	1,723,100	36.1	(63,000)	(1.3)	101,500	(106,900)	(154,900)	(3.3)	2,674,500	(1.9)	819,100	1,459,900	105,000	290,100	1,115,800	(12.9)	49,020	557,603	21,400	(3.20)	.4375	17⅝-8⅛	(3.4)	
4. Inland Steel Co.	1983	6,306	4,762	3,006,564	1,084,396	35.6	12,070	0.4	123,179	(65,940)	(116,900)	(3.8)	1,918,969	—	232,737	787,659	65,521	103,125	1,131,310	—	24,727	346,498	12,420	(4.76)	.50	24⅜-35	—	4.
	1982	5,171	4,086	2,843,989	1,105,654	39.4	(50,840)	—	125,296	(107,587)	(118,795)	(4.2)	1,957,469	—	265,110	758,747	64,559	94,175	1,198,722	—	21,342	283,829	23,975	(5.60)	1.125	18⅛-26¾	—	
5. Republic Steel Corp.	1983	6,300	4,846	2,701,107	984,998	36.5	(379,208)	(14.0)	130,269	(224,100)	(326,494)	(12.1)	1,991,206	(12.5)	168,301	822,667	78,170	117,487	1,168,539	(23.3)	16,963	178,224	8,489	(19.68)	.50	28½-15⅛	(1.1)	5.
	1982	5,086	4,345	2,738,160	1,175,211	42.9	(325,110)	(11.9)	86,070	(224,000)	(239,219)	(8.7)	2,256,010	(8.1)	313,216	852,974	56,671	214,799	1,403,036	(14.4)	16,183	161,827	18,206	(14.78)	1.125	24¾-13⅞	(1.3)	
6. Armco Inc.[9]	1983	5,787	4,324	4,164,600	1,643,200	39.5	(238,600)	(5.7)	195,500	(5,200)	(672,500)	(16.1)	2,120,900	(27.6)	562,600	832,000	87,500	149,200	1,288,900	(41.1)	66,245	331,300	32,900	(10.27)	.50	21¼-15⅞	—	6.
	1982	5,104	4,112	5,427,900	1,911,100	35.2	(328,700)	(6.1)	196,900	(278,300)	(345,100)	(6.4)	2,750,300	(9.7)	613,300	769,500	77,200	338,500	1,980,800	(15.5)	65,554	327,800	94,400	(5.41)	1.50	27⅜-14½	—	
7. National Intergroup, Inc.[10,11]	1983	5,308	4,597	2,992,703	—	—	25,073	0.8	119,755	250	(154,318)	(5.2)	1,605,447	(5.9)	251,893	605,522	59,386	109,260	874,925	(16.4)	20,318	101,590	4,950	(8.33)	.25	35⅜-17¼	—	7.
	1982	5,501	4,956	3,044,214	—	—	(523,355)	(17.2)	148,163	(274,950)	(462,773)	(15.2)	1,679,031	(23.6)	182,715	671,784	66,205	101,557	1,007,247	(37.0)	18,644	93,220	19,845	(24.77)	1.0625	24½-13⅞	—	
8. Wheeling-Pittsburgh Steel Corp.[12,13]	1983	2,222	1,642	831,260	315,470	38.0	5,934	0.7	40,361	(17,944)	(54,080)	(6.5)	899,614	(1.8)	101,216	513,928	37,597	91,905	385,686	(14.0)	4,028	40,280	—	(15.74)	—	28-15⅝	—	8.
	1982	1,818	1,368	775,403	355,221	45.8	(30,142)	(3.9)	38,219	(24,828)	(58,769)	(7.6)	939,623	(2.5)	230,026	495,915	35,402	160,211	443,708	(13.2)	4,005	40,051	—	(15.98)	—	30¼-12¼	—	
9. Nucor Corp.[14]	1983	1,575	1,441	542,531	118,693	21.9	81,429	15.0	27,110	19,700	27,864	5.1	303,861	10.6	105,402	45,731	4,458	19,617	258,130	11.4	14,044	22,561	4,217	1.98	.30	42¾-30⅛	21.6-15.2	9.
	1982	1,216	1,127	486,018	108,541	22.3	74,374	15.3	26,287	15,600	22,192	4.6	280,511	10.7	66,440	48,230	7,785	14,789	232,281	10.0	13,992	20,359	3,626	1.59	.26	31¾-17 1/16	20.0-10.7	
10. Chaparral Steel Co.	1983	884	769	212,876	34,373	16.2	23,661	11.1	14,381	(10,956)	(13,221)	(6.2)	184,966	6.6	8,126	171,966	25,336	320	60,219	(22.0)	4,500	4,500	—	(2.94)	—	—	—	10.
	1982	597	532	159,562	29,582	18.5	18,259	11.4	11,930	(5,787)	11,391	(7.1)	201,079	20.4	21,349	188,079	26,246	37,238	73,441	15.5	4,500	4,500	—	2.53	—	—	—	
11. Florida Steel Corp.[15]	1983	752	718	235,109	56,826	24.2	6,771	2.9	9,362	(4,600)	(4,677)	(2.0)	143,444	1.4	47,805	58,353	6,685	5,052	85,091	(5.3)	5,965	8,476	2,385	(.78)	.40	30¼-11¾	—	11.
	1982	753	648	248,543	59,669	24.0	2,384	1.0	9,250	(8,200)	(6,321)	(3.3)	150,676	0.9	45,345	58,661	9,655	6,603	92,015	(8.5)	5,963	8,339	3,631	(1.40)	.61	19⅜-10½	—	
12. Laclede Steel Co.	1983	618	418	190,149	69,886	36.8	11,921	6.3	5,580	—	5,048	2.1	85,112	8.8	47,512	15,295	2,404	2,493	69,817	7.2	2,704	54,329	—	2.24	—	18-10	8-4	12.
	1982	487	349	178,223	76,799	43.1	(3,355)	(1.9)	5,293	(3,176)	(8,106)	(4.5)	83,839	(6.5)	37,490	29,200	2,634	7,227	54,639	(14.8)	2,210	44,200	—	(3.67)	—	10-7	—	
13. CF&I Steel Corp.[16]	1983	614	501	231,093	97,450	42.2	(55,203)	(23.9)	38,483	(49,311)	(94,203)	(40.8)	109,914	(78.2)	(4,187)	—	5,357	19,547	109,914	(60.0)	3,966	19,829	—	(23.75)	—	28-21½	—	13.
	1982	794	617	362,835	177,145	48.8	(18,809)	(5.2)	41,645	(31,836)	(23,495)	(6.5)	254,117	(9.2)	12,991	50,000	79	97,336	204,117	(10.8)	3,966	19,829	3,966	(5.92)	1.00	36-21	—	
14. Cyclops Corp.	1983	549	790	1,024,114	269,827	26.4	18,975	1.9	17,849	(4,257)	(2,190)	(0.2)	265,282	0.9	142,131	92,597	7,573	21,223	172,685	(1.3)	3,877	3,877	3,880	(.72)	1.10	36½-19	—	14.
	1982	526	639	873,165	261,358	29.9	(1,379)	(0.2)	17,856	(15,709)	(11,921)	(1.4)	242,682	(3.2)	122,976	64,339	8,395	19,442	178,343	(6.7)	3,753	3,753	3,788	(3.60)	1.10	27⅛-13⅝	—	
15. Interlake Inc.[17,18,19]	1983	518	378	835,041	251,648	30.1	70,909	8.5	23,968	13,038	22,824	2.7	475,877	6.0	202,860	115,994	10,370	16,536	327,401	7.1	5,834	90,917	15,060	3.94	2.60	44¾-31¾	11.2	15.
	1982	420	327	767,300	268,969	35.1	34,602	4.5	22,956	272	5,752	0.7	470,550	2.5	175,891	122,338	10,993	27,864	323,251	1.6	5,708	87,010	15,998	.92	2.60	35½-22½	34.0	
16. Lukens, Inc.[20]	1983	429	—	342,855	—	—	5,712	1.7	19,699	(10,244)	(14,012)	(4.1)	208,036	(1.8)	47,689	84,598	10,269	8,575	123,438	(10.0)	5,155	3,180	2,070	(2.71)	.40	17½-11⅝	(6.5)-(4.3)	16.
	1982	495	—	389,678	—	—	28,835	7.4	17,561	(306)	1,479	0.4	232,044	5.0	53,376	91,894	10,101	15,131	140,150	1.0	5,193	3,180	3,760	.28	.72	13½-8¾	48.2-31.3	
17. Northwestern Steel & Wire Co.	1983	417	408	167,690	81,793	48.8	(25,661)	(15.3)	14,803	(21,383)	(19,162)	(11.4)	237,063	(8.0)	85,898	10,000	81	15,615	227,063	(8.4)	7,506	37,532	2,252	(2.55)	.30	26¾-15⅛	(10)-(6)	17.
	1982	1,041	809	323,303	126,873	39.2	(22,131)	(6.8)	16,074	(24,046)	(14,170)	(4.4)	248,477	(5.7)	84,979	—	11	57,745	248,477	(5.7)	7,506	37,532	7,506	(1.89)	1.00	26-14⅞	(14)-(8)	
18. Copperweld Corp.	1983	366	317	328,238	135,800	41.4	1,729	0.5	15,106	(19,564)	(22,013)	(6.7)	258,814	(5.1)	67,825	91,135	8,794	13,976	167,679	(13.1)	8,609	7,174	4,993	(2.64)	.58	21¾-15	—	18.
	1982	246	337	374,485	134,400	35.9	10,395	2.8	15,824	(6,533)	(10,128)	(2.7)	265,729	(1.4)	65,148	94,544	6,398	42,953	171,185	(5.9)	8,608	7,173	9,974	(1.18)	1.16	24¾-17¾	—	
19. Continental Steel Corp.[21,22]	1983	354	—	111,020	—	—	(6,406)	(5.8)	(5,077)	—	(9,938)	(8.9)	60,509	(14.2)	23,195	33,411	1,329	12,062	27,098	(36.6)	17,419	63,367	—	(.72)	—	3⅜-7/16	—	19.
	1982	281	—	99,950	—	—	(14,198)	(14.2)	(4,795)	(463)	(25,358)	(25.4)	57,416	(40.5)	28,354	22,479	2,097	3,843	34,937	(72.6)	10,559	50,446	—	(2.68)	—	2¾-7/16	—	
20. Carpenter Technology Corp.[23]	1983	—	—	397,451	162,123	40.8	35,746	9.0	14,571	4,354	16,042	4.0	349,774	4.8	110,477	60,762	779	71,853	289,012	5.6	8,679	44,561	18,130	1.86	2.10	48-28	23.7	20.
	1982	—	—	487,964	182,218	37.3	64,417	13.2	13,099	17,814	33,162	6.8	341,670	9.8	145,305	53,308	342	62,139	288,362	11.5	8,614	44,522	18,084	3.85	2.10	50-30¼	8.1	
21. Athlone Industries, Inc.	1983	—	—	234,107	—	—	13,124	5.6	4,957	228	(493)	(0.2)	124,028	6.4	50,995	67,253	8,432	2,237	56,775	(0.9)	2,395	240	3,750	(.59)	1.60	26-16½	—	21.
	1982	—	—	242,505	—	—	11,535	4.8	4,749	(1,537)	2,338	1.0	131,019	9.3	57,855	75,238	9,903	3,717	55,781	4.2	2,342	234	3,760	.91	1.60	28½-14⅝	18.3	
GRAND TOTAL	1983	*	*	45,547,508	12,823,483	28.2	1,614,176	3.6	2,275,656	(403,429)	(2,937,623)	(6.5)	30,546,618	(4.7)	3,849,266	14,267,301	1,525,441	3,131,183	15,161,782	(19.4)	—	—	—	—	—	—	—	
	1982			48,767,397	14,719,440	30.2	2,029,601	4.2	2,313,777	(699,472)	(3,235,341)	(6.7)	32,587,942	(5.4)	4,461,566	14,021,530	1,488,576	4,001,669	16,951,092	(19.1)	—	—	—	—	—	—	—	
Percent change 1982 to 1983				(6.6)	(12.9)	—	(20.5)	—	(1.6)	(42.3)	9.2	—	(6.3)	—	(13.7)	1.8	2.5	(21.8)	(10.6)	—	—	—	—	—	—	—	—	

Parenthesis ( ) denotes loss or credit

N.A. indicates Not Available

Footnotes

1. Companies are ranked on the basis of raw steel produced in 1983.
2. Operating profit is income before depreciation, income taxes and interest on long-term debt.
3. Net income percent of investment is net income plus expense on funded debt divided by invested capital.
4. Stockholders' equity is total assets minus total liabilities.
5. USS—Invested capital includes long-term debt, notes payable, proceeds from production agreements, minority interest, preferred stock of consolidated subsidiary, preferred stock subject to mandatory redemption, and other preferred stock and common stockholders' equity.
6. USS—Beginning with 1982, all financial results and statistical data reflect the effect of the Marathon Oil Co. acquisition.
7. LTV—Invested capital is defined as long-term portions of borrowings, leases, deferred income, deferred income taxes, minority interest, obligation to exchange debt for common stock, preferred stock with mandatory redemption and shareholders' equity.
8. LTV—Common stock total value is defined as year-end market price ($18,375—1983; $11,375—1982) times outstanding shares of common stock at year-end.
9. Armco—Operating profit includes pretax special charges of $296,700 in 1983 and $460,300 in 1982 and excludes discontinued insurance operations ($136,000 loss in 1983 and $11,900 income in 1982).
10. National—Raw steel production, steel shipments, and net sales and operating revenues include the production, sales and shipments of the Weirton Steel Division through April 30, 1983, the effective date of the sale of the division to an ESOP established by the division employees. The operating results of the Weirton Steel Div. through April 30, 1983, were charged against a reserve established in the prior year to cover operating losses through the effective date of the sale.
11. National—Operating profit includes pretax write-offs and charges related to the sale of the Weirton Steel Div. and a restructuring of other operations totaling $155,633,000 in 1983, and $476,035,000 in 1982; equity earnings from First Nationwide Financial Corp. of $28,902,000 in 1983 and $11,102,000 in 1982; and an extraordinary gain of $22,094,000 in 1983 from the exchange of common stock for outstanding First Mortgage bonds.
12. Wheeling-Pittsburgh—Net sales and operating revenues includes $48,762,000 and $2,195,000 from the sales of tax benefits.
13. Wheeling-Pittsburgh—Net income in 1982 includes $20,166,000 from the cumulative effect on prior years (to Dec. 31, 1981) of a change in accounting principle—depreciation.
14. Nucor—Number of common shares outstanding, earnings per common share, dividends per common share, common stock price range and price/earnings ratio are adjusted for 2-for-1 stock split in September 1983.
15. Florida Steel—Fiscal year ends Sept. 30.
16. CF&I—Operating profit in 1983 does not include provision of $45,264,000 for restructuring of operations. Net income in 1983 includes pretax provision of $45,264,000 for restructuring of operations.
17. Interlake—Operating profit—excludes minority interest (net of tax) of $2,074,000 in 1983 and $1,210,000 in 1982.
18. Interlake—Provision for Federal income taxes represents all taxes on income.
19. Interlake—Invested capital includes retained earnings.
20. Lukens—Operating profit in 1983 reflects a $4,265,000 writedown of certain steel group assets, which increased 1983 net loss by $2,931,000 or 57¢ per share.
21. Continental—Provision for Federal income taxes includes provision for state income taxes.
22. Continental—Net income in 1982 includes a loss of $7,183,000 from discontinued operations and an extraordinary gain of $2,452,000 on pre-petition settlements.
23. Carpenter Technology—Fiscal year ends June 30.

***Iron Age has elected not to list the totals for steel production and shipments in the table of this year's Financial Analysis of the Steel Industry. For the record, according to the American Iron and Steel Institute, domestic raw steel production in 1983 totaled 84,615,000 net tons and steel shipments were 67,583,000 net tons. For 1982, production was 74,577,000 net tons; shipments were 61,567,000 net tons.**

IRON AGE 1983 NONFERROUS INDUSTRY FINANCIAL ANALYSIS

( ) Denotes Loss

Dollar Values in Thousands

Company	Year	Net Sales and Operating Revenues 000 of $	Operating Profit 000 of $	Operating Profit as Percent of Sales	U.S. and Foreign Income Taxes 000 of $	Extraordinary Income (Loss) 000 of $	Net Earnings 000 of $	Net Earnings as Percent of Sales	Net Earnings per Common Share	Dividends Per Common Share	Number of Common Shares Outstanding at Year End	Stockholders Equity 000 of $	Net Earnings as Percent of Stockholders Equity	Funded and Other Long Term Debt 000 of $	Invested Capital 000 of $	Long Term Debt as Pct of Invested Capital	Net Earnings as Percent of Invested Capital	Working Capital 000 of $	Capital Spending 000 of $	Retained Earnings at End of Year 000 of $	
1. Alcan Aluminium Ltd.	1983	5,208,000	159,000	3.0	73,000	—	73,000	1.4	0.81	0.90	96,029,000	2,799,000	2.6	1,499,000	4,298,000	34.9	1.7	1,452,000	382,000	1,967,000	1.
	1982	4,644,000	(12,000)	—	(9,000)	—	(58,000)	—	—	1.35	85,189,000	2,511,000	—	1,749,000	4,260,000	41.0	—	1,361,000	643,000	1,983,000	
2. Aluminum Co. of America	1983	5,263,431	154,884	2.9	49,600	9,681	174,231	3.3	2.15	1.20	80,939,222	3,227,511	5.5	1,683,139	4,910,850	34.3	3.6	939,395	410,689	2,724,864	2.
	1982	4,647,630	(204,824)	—	(144,100)	19,880	10,832	0.2	0.11	1.65	78,924,733	3,112,466	0.4	1,741,443	4,853,909	35.9	0.2	965,805	499,606	2,645,831	
3. AMAX Inc.	1983	2,290,100	53,400	2.3	45,900	—	(489,000)	—	—	0.20	66,453,085	1,861,900	—	1,127,700	2,989,600	37.7	—	5,900	124,900	495,100	3.
	1982	2,415,500	(42,900)	—	17,400	—	(390,100)	—	—	0.85	65,589,850	2,388,200	—	1,307,800	3,696,000	35.4	—	271,800	310,200	1,020,200	
4. Asarco Inc.	1983	1,512,236	19,320	1.3	18,892	—	58,329	3.9	1.54	0.40	28,254,434	1,024,657	3.9	490,143	1,654,800	29.6	2.4	165,438	105,172	852,952	4.
	1982	1,350,695	(94,087)	—	(11,803)	(35,376)	(74,080)	—	—	0.50	27,351,993	967,068	—	481,641	1,588,709	30.3	—	133,356	145,042	823,700	
5. Brush Wellman Inc.	1983	245,415	47,172	19.2	17,530	—	25,765	10.5	2.78	0.84	9,241,206	176,240	16.7	31,650	207,890	15.2	12.4	88,166	19,805	129,711	5.
	1982	193,900	34,246	17.7	12,590	—	18,547	9.6	2.13	0.80	8,538,463	132,212	14.3	64,671	196,883	32.8	9.4	71,000	16,168	111,739	
6. Cominco Ltd.	1983	1,374,700	197,700	14.4	(26,700)	—	(39,300)	—	—	0.40	21,008,523	869,900	—	649,400	1,519,300	42.7	—	187,000	106,300	490,600	6.
	1982	1,234,700	162,800	13.2	(43,000)	18,100	(31,200)	—	—	1.30	18,805,743	834,900	—	688,000	1,522,900	45.2	—	221,000	230,400	554,400	
7. Engelhard Corp.	1983	2,099,337	101,612	4.8	22,570	—	73,519	3.5	2.73	0.60	26,836,000	456,258	16.1	69,880	526,138	13.3	14.0	226,417	47,762	464,503	7.
	1982	2,018,885	78,940	3.9	6,468	—	64,811	3.2	2.41	0.56	26,856,000	411,522	15.7	65,844	477,366	13.8	13.6	189,000	61,316	410,565	
8. Freeport-McMoRan Inc.	1983	786,151	142,832	18.2	34,436	—	93,472	11.9	1.32	0.60	73,463,000	735,147	12.7	275,209	1,010,356	27.2	9.3	47,217	110,025	507,005	8.
	1982	747,888	130,534	17.5	5,876	—	65,946	8.8	0.95	0.60	69,817,000	735,130	9.0	481,027	1,216,157	39.6	5.4	61,072	479,768	586,071	
9. Handy & Harman	1983	575,900	36,198	6.3	9,720	—	10,610	1.8	0.77	0.60	14,611,000	129,735	8.2	93,115	222,850	41.8	4.8	106,993	15,067	112,412	9.
	1982	499,119	31,372	6.3	7,120	—	8,333	1.7	0.61	0.60	14,611,000	127,622	6.5	75,676	203,298	37.2	4.1	100,596	12,528	110,071	
10. Inco Ltd.	1983	1,173,421	(188,015)	—	(91,292)	—	(234,894)	—	—	0.20	97,462,791	1,362,725	—	1,055,705	2,418,430	43.7	—	528,085	71,079	606,658	10.
	1982	1,235,983	(157,754)	—	(119,927)	—	(203,342)	—	—	0.20	90,342,647	1,554,216	—	1,129,293	2,683,509	42.1	—	789,369	95,290	882,533	
11. Kaiser Aluminum & Chemical Corp.	1983	3,013,700	(206,500)	—	(131,600)	—	(74,900)	—	—	0.60	43,388,000	1,232,700	—	1,104,500	2,337,200	47.3	—	390,900	209,000	946,100	11.
	1982	3,283,200	(89,200)	—	(25,800)	—	(115,000)	—	—	0.80	43,112,000	1,347,300	—	1,016,400	2,363,700	43.0	—	447,900	358,400	1,047,600	
12. Martin Marietta Corp.	1983	3,899,258	168,935	4.3	85,600	—	141,331	3.6	4.05	1.30	34,291,000	845,356	24.0	613,541	1,458,897	42.1	9.7	162,387	211,553	1,132,226	12.
	1982	3,526,506	73,536	2.1	200	—	91,642	2.6	1.95	1.28	25,374,842	436,560	10.0	1,234,587	1,671,147	73.9	5.5	241,929	390,568	1,066,264	
13. Newmont Mining Corp.	1983	720,912	(7,907)	—	(4,877)	—	52,901	7.3	1.75	1.00	30,290,070	1,477,255	3.8	185,015	1,662,270	11.1	3.2	261,790	147,599	1,111,045	13.
	1982	674,989	(14,398)	—	(13,038)	—	48,553	7.2	1.76	1.15	27,147,632	1,320,739	3.7	189,615	1,510,354	12.6	3.2	251,410	159,944	1,100,526	
14. Olin Corp.	1983	1,934,579	95,077	4.9	23,362	—	71,715	3.7	3.01	1.23	23,984,782	848,355	8.7	387,334	1,235,689	31.3	5.8	405,139	122,580	711,864	14.
	1982	1,823,137	54,913	3.0	1,605	—	53,308	2.9	2.26	1.20	23,637,819	805,185	6.7	293,285	1,098,470	26.7	4.9	323,585	139,015	669,488	
15. Phelps Dodge Corp.	1983	977,383	46,982	4.8	(39,700)	—	(63,497)	—	—	—	24,642,950	981,029	—	600,263	1,622,582	37.0	—	132,436	59,190	756,243	15.
	1982	957,795	6,638	0.7	(32,544)	—	(74,296)	—	—	0.30	21,760,706	977,212	—	667,212	1,693,493	39.4	—	162,992	100,077	823,239	
16. Reynolds Metals Co.	1983	3,340,800	(190,000)	—	(144,400)	—	(99,100)	—	—	1.00	21,177,424	1,219,600	—	973,700	2,193,300	44.4	—	384,500	267,200	962,000	16.
	1982	2,992,400	(46,000)	—	(60,200)	4,600	7,700	—	—	1.75	19,811,167	1,373,100	—	890,600	2,263,700	39.3	—	569,600	157,500	1,085,000	

Aluminum Co. of America: Operating profit is before U.S. and foreign taxes on income and before equity earnings from entities not consolidated. Long-term debt includes long-term debt due within one year amounting to $53.4 million in 1983 and $38.8 million in 1982.

Asarco Inc.: Equity earnings of nonconsolidated associated companies was $57.9 million in 1983 and $43.6 million in 1982. Liquidation of LIFO inventories increased pre-tax earnings by $9.4 million in 1983 and $10.6 million in 1982. Proceeds from sale of tax benefits included in earnings before taxes were $10.4 million in 1983 and $9 million in 1982. Operating profit in 1983 also includes a $10 million credit from sale of a mineral prospect. Operating profit for 1982 includes an $11 million charge for estimated cost of closing three plants and liquidation of an 80 pct interest in a solar energy collector manufacturer. Extraordinary loss in 1982 reflected reserve established for entire carrying value of firm's investment in Revere Copper and Brass, Inc., and effect of an exchange of common stock for debt securities. Combined effect of the two extraordinary items was a $35.4 million loss, net of $16.9 million in deferred tax credit. Entire investment in Revere was sold in December 1982.

Brush Wellman Inc.: Operating profit is before interest expense and taxes. Net income is from continuing operations. Capital expenditures exclude mine development expenses.

Cominco Ltd.: Canadian funds. Extraordinary gain of $18.1 million in 1982 reflected sale of oil and gas properties.

Handy & Harman: Retained earnings are stated before F.A.S. #52 adjustments of ($1.286 million) and ($1.015 million) in 1983 and 1982 respectively.

Inco Ltd.: Net sales and operating revenues excludes Other Income amounting to $21.43 million in 1983 and $41.01 million in 1982. Results for 1982 are restated to reflect accounting changes made in 1983.

Martin Marietta Corp.: Net per common share figures are adjusted to reflect 3-for-2 split of common stock in October 1983. Per-share amounts assume full dilution.

Newmont Mining Corp.: Results for 1982 are restated to reflect O'okiep Copper Co. on the equity method of accounting.

Phelps Dodge Corp.: Operating profit is before depreciation, depletion, amortization and SGA expense. Funded and long-term debt includes redeemable preferred shares.

Reynolds Metals Co.: Net sales and operating revenues exclude equity income, royalty, interest and other income amounting to $47.5 million in 1983 and $66 million in 1982. Operating profit reflects reported income before taxes, extraordinary items and accounting change exclusive of Other Revenues and interest expense.

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tend to other industrialized nations, but U.S. economic growth is expected to slow to a more sustainable rate and "we are concerned about the sustainability of the recovery in the face of increasingly higher interest rates and the continuing high level of Federal budget deficits in the U.S."

Mr. Reynolds said fabricated aluminum prices improved further during the first quarter but company margins still are below pre-recession levels due to substantial cost increases.

He said the company expects to begin test marketing of a resealable 16-oz aluminum beverage can later this year to compete with glass and plastic bottles. Reynolds also plans to test market larger sizes next year.

Mr. Reynolds also said the "slight increase in (industry) inventories we are seeing at the present time is to be expected in a period of rapidly rising shipments and production and extended schedules. Customer inventories still are below traditional levels."

According to the Aluminum Association, the industry entered March with 2.6 million tons of inventory on hand, compared with 2.5 million tons at the start of the year. Association figures also showed the incoming order rate for the first two weeks of April were about 5 pct under the first quarter rate and 12 pct under the strong January-February showing.

Excess copper supplies begin to decline, but not fast enough

Excess copper supplies on the hedge markets continued to decline as the second quarter got underway—but not fast enough to pay off where it counts. Speculative selling late in April interrupted the gradual improvement in prices since early January and producer prices were forced to give up some of the ground won earlier.

Copper's once-reknown volatility appears to have changed to slow movement on the upside and abrupt, larger moves on the downside. Interruptions and potential interruptions to production in major copper centers have been all but ignored over the past year or so. But, as was the case late last month, traders were quick to react to early signs that demand for base metals may be slackening as the business recovery shifts into lower gear.

Copper's problem has been that it has a smaller share in consumer market growth than aluminum or zinc, but must await spillover into the capital goods sector. And, as Richard de J. Osborne, president of Asarco, Inc., noted recently, "we have not yet begun to see any pickup in demand from the capital goods sector in the U.S.—one of the most important markets for copper."

Mr. Osborne told shareholders at the Asarco annual meeting that customers in the capital goods business have indicated that their bidding activity is increasing, however, and that reactivation of previously idled plant capacity "has given rise to some pickup in demand for copper."

Asarco and other domestic copper producers wouldn't be as bad off as they are—both Asarco and Phelps Dodge Corp. reported first quarter losses, for instance—were it not for the hedge market inventories and high overseas production. Mr. Osborne noted that U.S. copper consumption last year was up about 7 pct but "all of that increase was supplied by foreign copper."

Both Asarco and Phelps Dodge blamed low copper prices mainly for the first quarter red ink. Phelps Dodge noted that hedge market stocks fell more than 20 pct from the end of 1983 to mid-April and that world inventories may be down nearly 15 pct. Asarco's Mr. Osborne noted that the drop was encouraging, but the late April retreat on the London Metal Exchange and the N.Y. Commodity Exchange suggested that stocks still are too high.

Service centers ahead of 1983's pace, see further gains this year

Service center sales nationally were running 40 pct ahead of the year-ago period in January and February and continued strong in March, said Andrew G. Sharkey, president of the Steel Service Center Institute.

With some drop in imports expected in the second quarter, supply is tightening somewhat, but this isn't a severe problem.

Service Center Steel Shipments

Thousands of Tons per Day (Flat-rolled products based on 30 pct of industry)	
Sep.	9.4
Oct.	9.8
Nov.	9.9
Dec.	10.5
Jan.	10.1
Feb.	10.2
March	10.7

Source: SSCI

Michael Simpson, chairman of A. M. Castle & Co., added that sales nationally for service centers appear to be headed for a 15 pct gain this year. He foresees gains for the second quarter.

John Jorgensen, president of West Coast-based Earle M. Jorgensen Co., warned that shipbuilding is still "way down," but confirmed that the oilpatch buyers are coming back into the market. He sees further gains in the fourth quarter, with some new strength in aircraft industry metal buying.

New England is running strong, even though it had a relatively good year in 1983, said Richard Young, president of Congdon & Carpenter Co., based at Sekonk, Mass. "New England appears to be 30 to 35 pct ahead of a year ago and some companies are up as much as 45 pct," he said and noted that over the past decade, New England reversed a century-long downward trend.

Scrap price clarification and corrections

Effective April 24, the grade entitled "cut structural and plate, 5 ft. and under" was added to the prices reported at **Houston.**

The price reported for cut structural and plate, 5 ft. and under, effective April 24, was $95-97. The price for cut structural and plate, 2 ft. and under, effective April 24, was revised to $100-102.

At **Cleveland,** effective April 2, No. 1 dealer bundles should have been $94-97 and No. 1 factory bundles should have been $97-100. Also, at **Pittsburgh,** effective April 9 and 16, stainless 18-8 turnings should have been $500-510.

PRICE & PRODUCTION DATA

(Effective April 24, 1984)

Steel production by districts, thousands of tons (000 omitted)

	Last Week	Two Weeks Ago	Month Ago	Year Ago
North East Coast	267	267	251	210
Buffalo	11	12	11	32
Pittsburgh	292	296	296	224
Youngstown	118	113	110	100
Cleveland	147	151	139	137
Detroit	186	178	172	139
Chicago	577	554	561	488
Cincinnati	121	118	106	98
St. Louis	85	82	85	71
Southern	233	229	234	132
Western	90	92	85	89
U.S. Production	2,127	2,092	2,050	1,720

Source: American Iron & Steel Institute

Lake Superior Ore Prices

51.50% Fe Natural delivered lower Lake ports. Rail transportation, handling and unloading may be charged to the account of the buyer. Coarse ore 80¢ premium.

Pellets (per iron unit natural).....gross-ton 80.50-86.9*
Mesabi, regular-unscreened .....gross-ton $32.53
Mesabi, non-bessemer.....gross-ton $30.03-31.53**

*80.50¢—Pickands Mather as of 1/27/81.
86.9¢—U. S. Steel as of 3/15/82. Cleveland-Cliffs as of 2/26/82, Oglebay Norton as of 3/25/82, and Hanna Mining as of 2/26/82.
**Effective 8/1/83.

STEEL PRODUCTION, COMPOSITE PRICES

(Effective April 24, 1984)

U.S. Steel Production	Last Week	Two Weeks Ago	To Date 1984	To Date 1983
Net tons, in thousands	2,127	2,092	31,375	23,468
Capability Utilization Rate	81.9	80.6	75.8	50.6

Composite Prices	This Week	Week Ago	Month Ago	Year Ago
Finished Steel Base* (¢/lb.—eff. 2/13/84)	26.939	26.939	26.939	26.217
Pig Iron* * (Net ton=2000 lbs.)	$213.00	$213.00	$213.00	$213.00
Scrap No. 1 hvy.* * * (Gross ton=2240 lbs.)	$ 90.17	$ 90.17	$ 90.83	$ 70.83
No. 2 bundles	$ 60.83	$ 60.83	$ 61.83	$ 48.50

Scrap Comparison (Gross Ton)

No. 1 steel, Pittsburgh .	$100.50	$100.50	$100.50	$ 75.50
No. 1 steel, Philadelphia ..	84.50	84.50	84.50	64.50
No. 1 steel, Chicago.....	85.50	85.50	87.50	72.50
No. 1 bundles, Detroit	89.50	89.50	95.50	72.50
Low Phos., Youngstown ..	96.50	96.50	96.50	69.50
No. 1 mach'y cast., Pgh...	79.50	79.50	79.50	76.50
No. 1 mach'y cast., Phila	100.50	100.50	100.50	98.50
No. 1 mach'y cast., Chi..	117.50	117.50	111.50	110.50

*Finished Steel Composite: Weighted index of steel bars, shapes, plates, wire, rails, black pipe, hot and cold rolled sheets and strips.
* *Pig Iron Composite: Based on average prices for basic and foundry pig iron at representative producing points within the U.S.
* * *Steel Scrap Composite: Average of No. 1 hvy. melting steel scrap and No. 2 bundles delivered to consumers at Pittsburgh, Philadelphia and Chicago.

NONFERROUS PRICES

(Effective April 24, 1984) Prices obtained in trade based on representative tonnages per gross ton delivered to consumer unless otherwise stated.

Primary Metal Prices

(cents per lb.)	current price	last price	date of change
Aluminum	81.00	76.00-81.00	9/27/83
Copper (C)	74.00	74.00-75.00	4/23/84
Lead	26.00-28.00	25.00-28.00	3/29/84
Magnesium Ingot	143.00	138.00	1/3/84
Nickel	329.00	350.00	11/25/81
Titanium Sponge	555.00-585.00	555.00	4/29/82
Zinc	53.00	51.00-53.00	3/12/84

ALUMINUM: 99.5%. COPPER (C) = cathode. LEAD: common grade. MAGNESIUM: 99.8% pig, delivered. NICKEL: electro., Port Colborne, Canada. ZINC: high grade.

Antimony, American Laredo, Texas	$2.00
Beryllium-aluminum 5% Be, per lb. contained Be	$215.00
Beryllium-copper, per lb. cont. Be	$130.00
Beryllium 97% powder 200	$178.00
Bismuth, ton lots	$1.65-$1.80
Cadmium, ton lots	$1.50
Calcium, ton lots, crown	$3.50
Chromium, 99.8%	$3.75
Cobalt, 99%, cathode	$12.50
Gold per troy oz.	$387.20
Indium, dollars per troy oz.	$2.50-$3.60
Iridium, dollars per troy oz.	$600
Magnesium sticks, 10,000 lbs.	$1.97
Mercury, per 76-lb. f.o.b. N.Y.	$325-$335
Molybdenum, lb. tech. moly oxides, 20 lb. MO can	$6.85
Nickel oxide sinter at U.S. points of entry	$3.12
Palladium, per troy oz.	$140
Platinum, per troy oz.	$475
Rhodium, per troy oz.	$600.00
Silver ingots, per troy oz.	$4.23
Vanadium	$6.00
Zirconium sponge	$12.00-$17.00

(Per lb. unless otherwise noted)

Straits Tin Price

(U.S. cents per lb, EX-SMELTER, based on daily market in Penang in Malaysian dollars per kilo.)

April 16—577.42
April 17—577.95
April 18—578.21
April 19—578.21
April 20—Holiday

Scrap Prices
Brass Mill Scrap

(Cents per lb; over 20,000 lbs. add 1¢ per lb)

	Solids	Turning
Copper	70	60¼
Yellow brass	64	57
Red brass	66	57¾
Comm. bronze	66¾	58
Mang. bronze	65¾	57¼
Free cutting rod ends	57	56

Custom Smelters Scrap

(Cents per lb., carload lots, del. refinery)

No. 1 copper wire	66
No. 2 copper wire	56
Light copper	47

Ingot Makers Scrap

(Cents per lb., carload lots, del. refinery)

No. 1 copper wire	62
No. 2 copper wire	52
Light copper	43
No. 1 composition	59
No. 1 comp. turnings	57
Hvy. yellow brass solids	40
Hvy. yellow brass turnings	36
Radiators	49

Aluminum

New mixed clips	50	—51
Old sheet	49	—50
Old cast	49	—50
Clean dry borings	49	—50

Dealers' Scrap

(Dealers' buying price f.o.b. New York in cents per pound)

Aluminum

Segregated clippings	45	—46
Mixed L.C. clips	41	—42
Old sheets and cast	36	—37
Borings and turnings	28	—29
Duraluminum clippings	28	—29

Copper and Brass

No. 1 copper wire	53	—54
No. 2 copper wire	44	—45
Light copper	38	—39
Radiators	36	—37
No. 1 composition	45	—46
No. 1 composition turn'gs	42	—43
Cocks and faucets	31	—32
Clean heavy yellow brass	29	—30
Brass Pipe	30	—31
New soft brass clippings	47	—48

Lead

Heavy soft lead	9	—10
Whole batteries	3	— 4
Type metal	15	—16
Electrotype	13	—14

Nickel

Nickel solids	115	—125
Nickel rod ends	115	—125
Nickel sheets, clips	115	—125
Nickel turnings	55	— 65

Zinc

New zinc clippings	18	— 19
Old diecast zinc	14	— 15

EFFECTIVE APRIL 24, 1984

(Effective April 24, 1984) Prices obtained in trade based on representative tonnages per gross ton delivered to consumer unless otherwise stated. Prices are the opinions of *Iron Age* editors and correspondents, based on contacts with dealers, brokers, generators and users in the industry on the effective date listed above.

Ferrous Scrap Prices

Pittsburgh

No. 1 hvy. melting	$100.00 to $101.00
No. 2 hvy. melting	90.00 to 91.00
No. 1 dealer bundles	118.00 to 119.00
No. 1 factory bundles (auto)	118.00 to 119.00
No. 2 bundles	59.00 to 60.00
No. 1 busheling	114.00 to 115.00
Machine shop turn.	16.00 to 17.00
Shoveling turnings	54.00 to 55.00
Cast iron borings	53.00 to 54.00
Low phos. punchings plate	119.00 to 120.00
Heavy turnings	90.00 to 91.00
No. 1 RR hvy. melting	111.00 to 112.00
Rails 2 ft. and under	120.00 to 121.00
Scrap rails, random lgth.	104.00 to 105.00
RR specialties	121.00 to 122.00
No. 1 machinery cast	79.00 to 80.00
Cupola cast	72.00 to 73.00
Heavy breakable cast	30.00 to 31.00
Stainless	
18-8 bundles and solids	600.00 to 610.00
18-8 turnings	500.00 to 510.00

Chicago

No. 1 hvy. melting	$ 85.00 to $ 86.00
No. 2 hvy. melting	81.00 to 82.00
No. 1 dealer bundles	112.00 to 113.00
No. 1 factory bundles (auto)	114.00 to 115.00
No. 2 dealer bundles	64.00 to 65.00
No. 1 busheling	105.00 to 106.00
Shredder scrap	104.00 to 105.00
Machine shop turn.	46.00 to 47.00
Mixed bor. and turn.	47.00 to 48.00
Shoveling turnings	56.00 to 57.00
Cast iron borings	58.00 to 59.00
Low phos. forge crop	122.00 to 123.00
Low phos. punchings plate ¼ in. and heavier	132.00 to 133.00
Low phos. 2 ft. and under	127.00 to 128.00
No. 1 RR hvy. melting	107.00 to 108.00
Scrap rails, random lgth.	107.00 to 108.00
Reroller rails	112.00 to 113.00
Rails, 2 ft. and under	126.00 to 127.00
RR couplers and knuckles	110.00 to 111.00
RR car axles	134.00 to 135.00
No. 1 machinery cast	117.00 to 118.00
Cupola cast	108.00 to 109.00
Stove plate	106.00 to 107.00
Steel car wheels	120.00 to 121.00
Stainless	
18-8 bundles and solids	550.00 to 560.00
18-8 turnings	450.00 to 460.00
430 bundles and solids	135.00 to 140.00
430 turnings	100.00 to 105.00

Philadelphia

No. 1 hvy. melting	$ 83.00 to $ 86.00
No. 2 hvy. melting	73.00 to 76.00
No. 1 dealer bundles	104.00 to 107.00
No. 2 dealer bundles	57.00 to 60.00
No. 1 busheling	104.00 to 107.00
Shredder scrap	97.00 to 100.00
Machine shop turn.	29.00 to 32.00
Mixed bor. and turn.	29.00 to 32.00
Shoveling turnings	47.00 to 50.00
Low phos. 5 ft. and under	104.00 to 107.00
Low phos. 2 ft. punchings	117.00 to 120.00
Electric furnace bundles	112.00 to 115.00
RR specialties	106.00 to 109.00
Rails, 2 ft. and under	117.00 to 120.00
Cupola cast	70.00 to 73.00
Heavy breakable cast	57.00 to 60.00
No. 1 machinery cast	99.00 to 102.00

Detroit

Broker buying prices per gross ton on cars:

No. 1 hvy. melting	$ 65.00 to $ 66.00
No. 2 hvy. melting	62.00 to 63.00
No. 1 dealer bundles	89.00 to 90.00
No. 2 bundles	44.00 to 45.00
No. 1 busheling	88.00 to 89.00
Drop forge flashings	62.00 to 63.00
Machine shop turn.	45.00 to 46.00
Mixed borings and turn.	28.00 to 29.00
Shoveling turnings	46.00 to 47.00
Cast iron borings	48.00 to 49.00
Heavy breakable cast	38.00 to 39.00
Mixed cupola cast	54.00 to 55.00
Automobile cast	77.00 to 78.00
Stainless	
18-8 bundles and solids	475.00 to 485.00
18-8 turnings	375.00 to 385.00
430 bundles and solids	120.00 to 130.00

Youngstown

No. 1 hvy. melting	$ 83.00 to $ 86.00
No. 2 hvy. melting	67.00 to 70.00
No. 1 dealer bundles	98.00 to 101.00
No. 2 dealer bundles	37.00 to 40.00
Machine shop turn.	14.00 to 17.00
Shoveling turnings	19.00 to 22.00
Low phos. plate	95.00 to 98.00
Electric furnace bundles	91.00 to 94.00
Galvanized bundles	84.00 to 87.00

Cleveland

No. 1 hvy. melting	$ 76.00 to $ 79.00
No. 2 hvy. melting	50.00 to 53.00
No. 1 dealer bundles	94.00 to 97.00
No. 1 factory bundles	97.00 to 100.00
No. 2 bundles	30.00 to 33.00
No. 1 busheling	93.00 to 96.00
Machine shop turn.	13.00 to 16.00
Mixed bor. and turn.	13.00 to 16.00
Shoveling turnings	15.00 to 18.00
Cast iron borings	18.00 to 21.00
Cut structural & plates, 2 ft. and under	116.00 to 119.00
Low phos. punchings plate	116.00 to 119.00
Drop forge flashings	62.00 to 65.00
Foundry steel, 2 ft. & under	70.00 to 75.00
No. 1 RR hvy melting	87.00 to 90.00
Rails, 2 ft. and under	122.00 to 125.00
Rails, 18 in. and under	123.00 to 126.00
Steel axle turnings	67.00 to 70.00
Railroad cast	100.00 to 103.00
No. 1 machinery cast	107.00 to 110.00
Cupola cast	63.00 to 66.00
Stove plate	48.00 to 51.00
Stainless	
18-8 bundles	375.00 to 385.00
18-8 turnings	325.00 to 335.00
430 bundles	80.00 to 85.00

Buffalo

Broker buying prices per gross ton on cars:

No. 1 hvy. melting	$ 74.00 to $ 75.00
No. 2 hvy. melting	61.00 to 62.00
No. 1 busheling	89.00 to 90.00
No. 1 dealer bundles	89.00 to 90.00
No. 2 bundles	40.00 to 41.00
Machine shop turn.	15.00 to 16.00
Mixed bor. and turn.	13.00 to 14.00
Shoveling turnings	20.00 to 21.00
Cast iron borings	25.00 to 26.00
Low phos. plate	102.00 to 103.00
Structural and plate, 2 ft. and under	102.00 to 103.00
Rails, 2 ft. and under	97.00 to 98.00
Scrap rails, random lgth	77.00 to 78.00
No. 1 machinery cast	79.00 to 80.00
No. 1 cupola cast	59.00 to 60.00

St. Louis

No. 1 hvy. melting	$ 78.00 to $ 79.00
No. 2 hvy. melting	67.00 to 68.00
Foundry steel, 2 ft.	71.00 to 72.00
No. 1 dealer bundles	78.00 to 79.00
No. 2 bundles	65.00 to 66.00
Machine shop turn.	22.00 to 23.00
Shoveling turnings	29.00 to 30.00
Cast iron borings	38.00 to 39.00
No. 1 RR hvy. melting	84.00 to 85.00
Rails, random length	82.00 to 83.00
Rails, 18 in. and under	94.00 to 95.00
RR specialties	92.00 to 93.00
Cupola cast	74.00 to 75.00
Heavy breakable cast	53.00 to 54.00
Stove plate	88.00 to 89.00
Cast iron car wheels	57.00 to 58.00
Rerolling rails	90.00 to 91.00
Unstripped motor blocks	61.00 to 62.00

Birmingham

No. 1 heavy melting	$ 82.00 to $ 83.00
No. 2 heavy melting	76.00 to 77.00
No. 1 dealer bundles	82.00 to 83.00
No. 2 bundles	57.00 to 58.00
No. 1 busheling	82.00 to 83.00
Shredder scrap	104.00 to 105.00
Machine shop. turn.	41.00 to 42.00
Shoveling turnings	50.00 to 51.00
Cast iron borings	50.00 to 51.00
Electric furnace bundles	75.00 to 76.00
Elec. furnace, 3 ft. & under	80.00 to 81.00
Structural and plate, 2 ft.	108.00 to 109.00
Structural and plate, 4 ft.	102.00 to 103.00
No. 1 RR hvy. melting	102.00 to 103.00
Scrap rails, random lgth.	95.00 to 96.00
Rails, 2 ft. and under	110.00 to 111.00
Angles and splice bars	105.00 to 106.00
No. 1 cupola cast	94.00 to 95.00
Unstripped motor blocks	74.00 to 75.00

Cincinnati

Brokers buying prices per gross ton on cars:

No. 1 hvy. melting	$ 70.00 to $ 71.00
No. 2 hvy. melting	64.00 to 65.00
No. 1 dealer bundles	84.00 to 85.00
No. 2 bundles	41.00 to 42.00
Machine shop turn.	10.00 to 11.00
Shoveling turnings	12.00 to 13.00
Cast iron borings	28.00 to 29.00
Low phos. 18 in. and under	102.00 to 103.00
Rails, random length	83.00 to 84.00
Rails, 2 ft. and under	98.00 to 99.00
No. 1 cupola cast	73.00 to 74.00
Heavy breakable cast	37.00 to 38.00
Drop broken cast	89.00 to 90.00

New York

Brokers buying prices per gross ton on cars:

No. 1 hvy. melting	$ 50.00 to $ 52.00
No. 2 hvy. melting	41.00 to 43.00
No. 2 dealer bundles	23.00 to 27.00
Mixed bor. and turn.	11.00 to 13.00
Machine shop turn.	6.00 to 7.00
Shoveling turnings	14.00 to 15.00
Clean cast. chem. borings	35.00 to 36.00
No. 1 machinery cast	89.00 to 90.00
Mixed yard cast	50.00 to 51.00
Heavy breakable cast	10.00 to 12.00
Stainless	
18-8 prepared solids	510.00 to 530.00
18-8 turnings	410.00 to 430.00
430 prepared solids	90.00 to 110.00
410 solids	80.00 to 90.00

Boston

Brokers buying prices per gross ton on cars:

No. 1 hvy. melting	$ 68.00 to $ 70.00
No. 2 hvy. melting	58.00 to 60.00
No. 1 dealer bundles	73.00 to 75.00
No. 2 bundles	39.00 to 41.00
No. 1 busheling	76.00 to 78.00
Shredder scrap	73.00 to 75.00
Machine shop turn.	12.00 to 14.00
Shoveling turnings	18.00 to 20.00
No. 1 machinery cast	90.00 to 95.00
Mixed cupola cast	48.00 to 50.00
Heavy breakable cast	18.00 to 20.00

San Francisco

No. 1 hvy. melting	$ 45.00 to $ 47.00
No. 2 hvy. melting	39.00 to 41.00
No. 1 dealer bundles	35.00 to 37.00
No. 2 dealer bundles	17.00 to 19.00
Machine shop turn.	6.00 to 8.00
Cast iron borings	6.00 to 8.00
No. 1 cupola cast	83.00 to 85.00

Los Angeles

No. 1 hvy. melting	$ 48.00 to $ 50.00
No. 2 hvy. melting	39.00 to 41.00
No. 1 dealer bundles	38.00 to 40.00
No. 2 dealer bundles	18.00 to 20.00
Machine shop turn.	10.00 to 12.00
Shoveling turnings	8.00 to 10.00
Cast iron borings	6.00 to 8.00
Elec. furnace, 1 ft. and under (foundry)	77.00 to 79.00
No. 1 cupola cast	77.00 to 79.00

Seattle

No. 1 hvy. melting	$ 71.00 to $ 73.00
No. 2 hvy. melting	60.00 to 62.00
No. 2 bundles	42.00 to 44.00
No. 1 cupola cast	98.00 to 100.00
Mixed yard cast	85.00 to 87.00

Hamilton, Ont.

Brokers buying price per net ton on cars:

No. 1 heavy melting	$ 90.00
No. 2 heavy melting cut 2 ft. and under	87.00
No. 1 dealer bundles	87.00
No. 2 bundles	48.00
Mixed steel scrap	59.00
Bush. new fact. prep'd	85.00
Bush. new fact. unprp'd	75.00
Machine shop turn.	45.00
Short steel turn.	43.00
Mixed bor. and turn.	30.00
Cast scrap	73.00

Houston

Brokers buying prices per gross ton on cars:

No. 1 hvy. melting	$ 81.00 to $ 82.00
No. 2 hvy. melting	67.00 to 68.00
No. 2 bundles	44.00 to 45.00
Machine shop turn.	18.00 to 19.00
Crushed turnings	42.00 to 43.00
Shredder scrap	83.00 to 84.00
Cut structural plate, 2 ft. and under	100.00 to 102.00
Cut structural plate, 5 ft. and under	95.00 to 97.00
Unstripped motor blocks	60.00 to 61.00
Cupola cast	80.00 to 81.00

PRODUCER KEY
With Principal Offices

A4 American Cladmetals Co., Carnegie, Pa.
A7 Armco Inc., Middletown, Ohio
A8 Atlantic Steel Co., Atlanta, Ga.
A11 Atlantic Wire Co., Branford, Conn.

B1 Baron Drawn Steel Corp., Toledo, Ohio
B3 Bethlehem Steel Corp., Bethlehem, Pa.
B4 Blair Strip Steel Co., New Castle, Pa.
B5 Bliss & Laughlin Steel Co., Harvey, Ill.

C1 Calstrip Corp., Los Angeles
C6 CF&I Steel Corp., Pueblo, Colo.
C10 Copperweld Steel Co., Warren, Ohio
C11 Crucible Divisions, Colt Industries, Pittsburgh, Pa.
C15 G. O. Carlson, Inc., Thorndale, Pa.
C16 Connors Steel Co., Birmingham, Ala.
C20 Calumet Steel Div., Chicago Heights, Ill.
C21 Cumberland Steel Co., Cumberland, Md.

D1 Detroit Strip Div., Cyclops Corp.
D2 Driver Wilber B., Co., Newark, N. J.
D3 Driver Harris Co., Harrison, N. J.

E3 Enamel Products & Plating Co., McKeesport, Pa.
E4 Elliot Bros. Steel Co., New Castle, Pa.

F1 Firth Sterling, Inc., McKeesport, Pa.

G2 Granite City Steel Co., Granite City, Ill.
G3 Great Lakes Steel Division, National Steel Corp., Ecorse, Mich.
G4 Greer Steel Co., Dover, O.
G5 Green River Steel Corp., Owensboro, Ky.
G6 Gibraltar Steel Corp., Buffalo, N. Y.
G7 Georgetown Steel Corp., Georgetown, S. C.
G8 Guterl Special Steel Corp.

H1 Hercules Drawn Steel Corp., Livonia, Mich.

I2 Ingersoll Steel Div., New Castle, Ind.
I3 Inland Steel Co., Chicago, Ill.
I4 Interlake Steel Corp., Chicago

J2 Jessop Steel Corp., Washington, Pa.
J3 Jones & Laughlin Steel Corp., Pittsburgh
J4 Joslyn Mfg. & Supply Co., Chicago
J5 Judson Steel Corp., Emeryville, Calif.

K2 Keystone Consolidated Industries, Inc.
K3 Kentucky Electric Steel Co., Ashland, Kentucky
K5 Kemco Div., Foote Mineral Co., Keokuk, Iowa

L2 La Salle Steel Co., Chicago
L3 Lone Star Steel Co., Dallas
L4 Lukens Steel Co., Coatesville, Pa.
L5 Litho-Strip Corp., Chicago

M2 McLouth Steel Products Corp.
M4 Mid States Steel & Wire Co., Crawfordsville, Ind.
M8 Mill Strip Products Div., National Steel Service Center, National Steel Corp.
M9 Moltrup Steel Products Co., Beaver Falls, Pa.
M11 Midwest Steel Div., National Steel Corp., Portage, Ind.

N1 Northeast Precision Steel Co., Boston, Mass.
N4 Northwestern Steel & Wire Co., Sterling, Ill.
N6 Northwest Steel Rolling Mills, Seattle, Wash.
N9 Nelsen Steel & Wire Co., Chicago, Ill.
N10 North Star Steel Co., Saint Paul, Minnesota

O2 Oregon Steel Mills, Portland, Ore.

P2 Phoenix Steel Corp., Claymont, Del.
P9 Pacific States Steel Co., Niles, Cal
P14 Pacific Tube Co., Los Angeles
P15 Philadelphia Steel and Wire Corp., Phila.

R3 Republic Steel Corp., Cleveland
R4 Ramco Steel Co., Buffalo, N. Y.
R5 Roblin Steel Corp., Inc., North Tonawanda, N. Y.
R6 Rodney Metals, Inc., New Bedford, Mass.
R7 Rome Strip Steel Co., Rome, N. Y.

S1 Sharon Steel Corp., Sharon, Pa.
S7 Stanley Works, New Britain, Conn.
S8 Superior Drawn Steel Co., Monaca, Pa.
S10 Seneca Steel Service, Buffalo, N. Y.
S16 Southern Precision Steel Co., Gulfport, Miss.

T4 Thomas Steel Strip Co., Warren, O.
T5 Timken Company, Steel Division, Canton, O.
T7 Texas Steel Co., Fort Worth, Tex.
T9 Triumph Electro Corp., Chicago, Ill.
T10 Tennessee Forging Steel Corp., Harriman, Tenn.
T11 Teledyne Columbia-Summerill, Carnegie, Pa.

U1 United States Steel Corp., Pittsburgh, Pa.

W3 Weirton Steel Corp., Weirton, West Va.
W5 Wheeling-Pittsburgh Steel Corp.
W7 Wilson Steel & Wire Co., Chicago
W10 Wyckoff Steel Div., Ampco-Pittsburgh Corp., Pittsburgh, Pa.
W14 Whittaker Steel Strip Div., Detroit, Mich.

STEEL SERVICE CENTER PRICES

Price, Dollars per 100 lb

Prices are based on list prices reported to *Iron Age* by a number of metal service centers deemed representative by *Iron Age* and then weighted based in part on the reports received each month. Prices are not intended to reflect the actual transaction prices obtained by any individual metal service center.

Cities* / City Delivery Charge*	Sheets			Strip	Plates	Shapes	Bars		Alloy Bars			
	Hot-Rolled (10 gage)	Cold-Rolled (20 gage)	Galvanized (16 gage)	Hot-Rolled Strip	Plates	Standard Structurals	Hot-Rolled (merchant)	Cold Finished	Hot-Rolled 8620 As Rolled	Hot-Rolled 4140 Annealed	Cold-Drawn 8620 As Rolled	Cold-Drawn 4140 Annealed
Atlanta	25.82	33.90	32.70	31.00	22.82	22.67	19.31	31.54	34.34	50.80	69.58	73.19
Baltimore	26.28	30.72	37.59	42.02	31.24	28.80	22.05	39.31	57.45	64.70	71.71	77.05
Birmingham	24.03	32.85	32.34	30.92	23.02	23.01	19.58	29.68	49.31	58.90	68.10	74.43
Boston	32.76	37.74	42.52	45.84	33.34	30.06	22.24	37.99	47.00	53.38	62.32	66.00
Buffalo	29.86	34.53	41.01	41.60	31.32	27.29	19.47	33.61	40.10	47.82	55.33	62.14
Chicago	28.82	34.02	37.41	34.32	23.12	23.38	17.46	32.68	36.51	41.03	46.46	52.27
Cincinnati	27.64	33.71	36.41	31.87	23.39	23.97	17.90	32.47	36.40	40.83	46.27	51.76
Cleveland	28.28	33.38	36.44	35.69	25.16	25.91	18.19	34.50	36.46	41.15	45.24	52.67
Denver	33.68	38.11	40.59	36.10	32.15	28.21	21.10	44.31	50.89	59.53	67.39	75.21
Detroit	28.28	34.28	37.27	33.81	24.38	26.13	14.74	32.63	36.47	40.91	46.42	54.09
Houston	33.36	34.55	38.93	44.02	30.04	27.96	23.54	42.81	47.06	54.33	59.94	67.04
Kansas City	30.56	35.85	39.74	39.49	26.35	29.79	19.72	34.68	41.69	46.71	53.11	61.14
Los Angeles	28.16	34.70	38.37	42.32	33.22	36.02	29.36	42.05	53.29	60.79	66.55	72.70
Memphis	25.34	33.05	34.52	33.57	25.93	26.17	20.00	34.00	36.78	49.95	59.80	69.44
Milwaukee	28.79	34.48	37.09	32.83	23.47	23.51	17.13	32.11	36.70	41.42	45.91	53.21
New York	30.89	37.51	42.55	46.46	32.09	27.21	21.06	41.14	46.00	51.91	61.12	68.72
Philadelphia	29.76	34.88	40.92	44.88	31.87	28.75	20.85	39.37	46.26	55.41	65.77	72.08
Pittsburgh	33.67	39.53	43.78	34.29	35.72	29.92	21.29	30.60	43.01	49.15	55.93	63.28
Portland	28.96	32.08	38.73	36.93	31.42	34.78	27.87	44.85	49.78	57.74	70.44	....
San Francisco	28.84	33.36	38.86	40.88	34.17	34.13	26.13	42.99	54.58	62.64	68.90	76.72
Seattle	23.94	33.41	35.11	34.23	22.24	27.32	26.14	40.05	52.66	66.22	74.14	77.49
Spokane	21.21	30.42	35.65	38.02	33.38	33.77	21.97	43.01	43.20	47.52	....	58.32
St. Louis	29.11	34.60	37.31	34.14	24.86	23.48	18.40	33.76	37.79	42.74	49.38	53.69
St. Paul	28.18	32.65	36.91	37.69	25.05	24.27	17.70	33.96	36.81	41.49	46.69	52.95

Base Quantities. All HR products may be combined for quantity. Hot-rolled sheet, 10 ga x 36 x 96—120; Cold-rolled sheet, 20 ga x 36 x 120; Galv. sheet—16 ga x 96—120; Hot-rolled strip—⅛" x 1"; Plate ¼" x 84"; Shapes—I-Beams 6 x 12.5; Hot-rolled bar—Rounds ¾-2 15/16"; Cold finished bar—C 1018—1" rounds; Alloy bar—Hot-rolled 8620—1⅝" round; Cold drawn—1" round; Hot-rolled 4140—1⅝" round; Cold drawn—1" round. Check local supplier for additions or deductions from base.

*Prices at all points include metropolitan delivery charges.

Codes identify Producers listed in the Key on page 77. (Prices quoted are mill base prices in cents per pound unless otherwise noted and do not reflect extras or surcharges.) N.A.=Not available.

Billets, Blooms, Slabs

(Dollars per net ton)

Carbon Rerolling, Midwest
W5 $366.00
N4 $366.00
West
C6 $346.00
Carbon Forging, East
B3(3), C10, U1 $453.00
R3 $453.00
Midwest
R3, U1, W5 $453.00
S1 $420.00
C10 $453.00
K2 $453.00
W5 $453.00
West
B3(2) $463.00
C6 $453.00
South
A7 $453.00
Alloy, East
R3, C10 $492.00
B3 $492.00
Midwest
W8, W5, C10 $492.00
U1 $492.00
R3 $492.00
S1 $459.00
West
B3 $502.00
C6 $469.00
South
A7 $492.00

Piling Sheet Steel

(cents per lb)

Midwest
U1 26.45

Structurals

Carbon, East
B3(2) 23.90
U1, J3 23.90
Midwest
A7 24.15
C20 22.90
W8 22.90
I3, T10, U1, N4 23.90
West
C6 25.10
U1 24.40
B3(2) 21.65
South
C16, U1 23.90
T10 22.90
All Cmp*
High-Strength, Low Alloy, East
B3(2) 23.90
U1, J3 23.90
Midwest
N4 23.90
W8 24.15
U1 23.90
I3 23.90
West
U1, A7 24.40
B3(2) 21.65
South
U1, C16 23.90
Wide Flange, Carbon, East
B3 23.90
U1, A7, J3 23.90
Midwest
U1 23.90
N4 23.90
I3 23.90
West
U1 24.40
C6 24.15
South
A7 24.15

Strip

Hot-Rolled, Carbon, Cut II Edge—all widths, East
U1, B3 23.75
J3 22.05
Midwest
A7, D1 22.05
I4 22.85
J3, D1 22.05
W3 22.05
N4 22.55
W5, S1 23.75
U1, B3 23.75
G2, I3, M2, R3, G3 22.05
West
B3 26.55
South
R3 22.05
Cold-Rolled, Carbon Max. 25%, East
E4 29.75
S10 29.60
P15 24.80
U1 38.30
B4 36.60
G6 36.175
Midwest
I4 38.30
W14 32.80
S1, J4 34.05
S1 37.05
High-Strength, Hot-Rolled, Low Alloy, Cut Edge & Mill Edge—all widths, (plus extras)†
Midwest
M2, G3, R3, W3, J3, G2, I3 22.05
A7 22.05
S1 23.75
South
R3 22.05
High-Strength, Cold-Rolled, Low Alloy, Mill Edge
Midwest
S1 37.05
Alloy, Hot-Rolled, Midwest (plus extras)*
S1 24.60
I4 25.20
Alloy, Cold-Rolled, East
C11, E4, M8 43.35
B4 47.25
P15 32.10
Midwest
I4 44.30
S1 42.30

Sheets

Hot-Rolled, Carbon (18 Ga & Hvyr), East
B3 23.75
J3 22.05
U1 23.75
Midwest
A7, G2, G3, I3, M2, R3, W3 22.05
D1 22.05
J3 22.05
I4 22.45
U1, W5, S1, B3 23.75
West
U1 24.25
South
R3 22.05
Cold-Rolled, East, Class I
B3(2) 28.15
J3 26.15
U1 28.15
Midwest
I3, G3, R3, M2 26.15
G2, W3, M11 26.15
I4 22.00
J3, A7 26.15
D1 26.15
U1, W5, S1, B3 28.15
West
U1 28.65
South
R3 24.65
Galvanized (hot-dipped), East
B3(2) 30.30
U1 30.30
Midwest
J3, D1 28.00
I3, 28.00
A7, R3, Y1 28.00
G2, W3, M11 28.00
U1, W5, S1 30.30
West
U1 30.80
South
R3 28.00
Enameling, Midwest
U1, S1 29.65
A7, I3, J3 27.65
Long-Terne, Midwest
W5 31.65
U1 31.65
R3, A7 29.35
†Actual weight basis

Wire Rod

East
B3(2) 22.35
U1 22.35
Midwest
N4 22.35
U1, K2 22.35
West
A7 22.00
C6 21.45
South
G7 22.35

Tinplate

Electrolytic Tinplate
Single Reduced (70 lb)

	per base box
East	
J3	$26.29
U1	27.74
B3	26.32
Midwest	
U1	$27.74
J3	26.29
M11	26.29
W3	26.29
W5	26.29
West	
U1	$26.24
South	
U1	$27.74

Double Reduced (55 lb)**
Midwest
M11 $21.49
J3 21.49
U1 22.37
W3 21.49
W5 21.49
West
U1 $22.87
South
U1 $22.37

Black Plate
Single Reduced (75 lb)*
East
B3 $23.83
Midwest
J3 $24.01
M11 24.01
I3, W5 24.01
W3 24.01
U1 25.26
West
U1 $25.26

Double Reduced (55 lb)
East
B3 $19.70
Midwest
M11 $18.93
W5 18.93
J3 18.93
W3 18.93
W5 18.93
U1 19.70
West
U1 $19.70
South
U1 $19.70

*70 lb—base weight extra 45¢
**50 lb—base weight extra $1.40

Bars

Carbon Steel, Hot-Rolled
(Special quality)
East
R3, K3 25.80
R5 25.80
B3(3), J3 25.80
U1, C10 25.80
Midwest
A7, I4 23.95
U1, I3, C20, N4 25.80
R3, T10 25.80
K2 25.80
I3 19.50*
West
B3 25.80
C6 24.45
South
A8 20.65
A7 25.80
C16 25.80
Cold-Finished Carbon, East
A11 22.15
R3 33.75
C21 21.15
J3(4), L2 31.00
C2 23.025
M8, W10, T11, S8 31.00
N1 24.475
R4 33.25
B4 33.25
M1 23.025
B4, C10 31.00
Midwest
B5, W10, Y1, W8, R3, M9 33.25
J3 31.00
B1 33.45
L2 30.75
N9 31.00
P3 19.85+CMS
W14 22.20
J3(3) 31.00
J3 31.00
West
B5 34.90
R3 37.15
South
B5 32.85
J3 34.00
C16 24.40
J3 31.95
Alloy, Hot-Rolled, East
B3(2), R5, K3, C10, U1 27.95
R3 27.95
J3 27.95
Midwest
A7, U1, R3 27.95
I3, C10 27.95
I4 26.10
I3 21.00*
West
B3 27.95
B5 18.50
C6 26.60
South
A7 24.85
A8 22.00
Alloy, Cold Drawn, East
L2 35.20
R3, N1, C2 37.90
M1 28.025
R4 37.10
A11 30.50
J3, W10, L2 34.85
T11, S8 34.85
C10 34.85
J3(2) 34.25
Midwest
R3, C10 37.35
C2 28.275
J3, W10 34.85
P3 22.75
B1 37.30
N9 34.85
L2 34.65
B5 37.10
J3 36.00
J3 34.85
M9 37.10
West
R3 40.75
South
J3 35.85
C16 28.00

Plates

Carbon Steel, East
B3(2), U1 25.75
L4 25.75
P2 25.75
J3 26.75
Midwest
B3, R3, S1 25.75
I3 24.25
J3, A7 22.80
U1, I4 25.75
R3 26.75
West
A7, C6 24.25
U1, B3 25.75
Q2 23.00
South
R3 25.75
A7 25.75
U1 25.75
Alloy, East
B3, J3 33.55
U1, L4 33.55
P2 33.55
J3 34.55
Midwest
B3 33.55
G2, G3 33.55
I4, U1 33.55
West
B3 32.05
Q2 31.00
South
A7 27.55
U1 33.55

Wire

Carbon Steel Wire, East
B3(2) 27.10
U1 27.70
A11 22.15
Midwest
U1 27.70
A7, R3 24.80
N4, W7 27.40
K2 24.20
South
A8 22.85
West
A7 25.95
C6 24.95

PRODUCER PRICES UP IN FEBRUARY

The economy continues to grow—maybe too fast, some analysts say. There is fear of overheating.

Producer prices, however, rose at only a "moderate" rate in February, according to the Bureau of Labor Statistics (BLS). They give scant indication the economy is being fueled at an unhealthy rate, according to the statistics.

The producer price index for the second month of 1984, showed a 0.4 pct increase compared with 0.6 pct in January, the BLS said.

The January rise was the steepest in 14 months. So even though the rate of increase slowed in February, prices are running at a faster pace. Prices for crude materials other than food and energy rose 0.8 pct in February after declining 3.6 pct in January.

Prices for capital equipment rose 0.5 pct after edging up 0.1 pct in January, the BLS said. Within that category, prices rose for motor trucks, truck trailers and aircraft, among others. Car prices showed no increase while light trucks were up only 0.1 pct. Those increases offset declines for office and store machines, transformers and printing trades machinery.

Without food and energy factored in, industrial prices for February increased about the same as in each of the previous three months, 0.2 pct. The indexes for passenger cars and light vehicles showed large increases after seasonal adjustment.

The index of intermediate products, used in various stages of production, was unchanged in February after seasonal adjustment. That index has inched up 0.1 pct in previous months.

The durable manufacturing materials index advanced 0.5 pct. Higher prices were registered for most nonferrous metals, steel pipes and tubes.

In a related development, industrial production rose 1.2 pct in February compared with January, according to the Federal Reserve Board. It is the second strong increase in two months.

Latest Month Covered: March 1984

Products	Index Reading For Month (1967 = 100)	Pct Change From Previous Month	Pct Change From Year-Ago Month
Metal Cutting Machine Tools	381.9	− 0.5	+ 2.1
Metal Forming Machine Tools	420.2	+ 0.2	+ 1.4
Agricultural Machinery & Equip.	332.7	+ 0.5	+ 2.8
Construction Machinery & Equip.	355.8	0	+ 1.8
Industrial Process Furnace & Ovens	370.6	0	+ 3.2
Industrial Material Handling Equip.	287.4	+ 0.1	+ 0.9
Pumps, Compressors & Allied Equip.	347.5	+ 0.3	− 0.2
Fluid Power Equip. (Dec. 1970 = 100)	256.9	+ 0.8	+ 1.9
Mechanical Power Transmission Equip.	322.2	+ 0.2	+ 2.4
Automobiles	222.0	0	+ 2.9
Motor Trucks—Light	281.3	+ 0.2	+ 4.4
Motor Trucks—Heavy	326.4	− 0.2	+ 2.8
Railroad Equipment	359.7	+ 0.1	+ 2.7
Fabricated Metal Structural Products	308.5	+ 0.5	+ 1.6
Electric Motors	337.9	+ 0.1	+ 4.6
Valves & Fittings (Dec. 1982 = 100)	101.1	+ 0.7	+ 1.1
Ball & Roller Bearings	336.5	+ 0.3	+ 1.6
Cutting Tools & Accessories	277.8	+ 0.3	+ 1.6
Heating Equipment	248.8	+ 0.2	+ 3.2
Plumbing Fixtures & Brass Fittings	299.9	+ 1.0	+ 5.0
Metal Containers	345.6	+ 0.2	+ 4.3
Miscellaneous Metal Products	291.7	+ 0.3	+ 4.0

Data based on U.S. Labor Dept.'s Producer Price Index